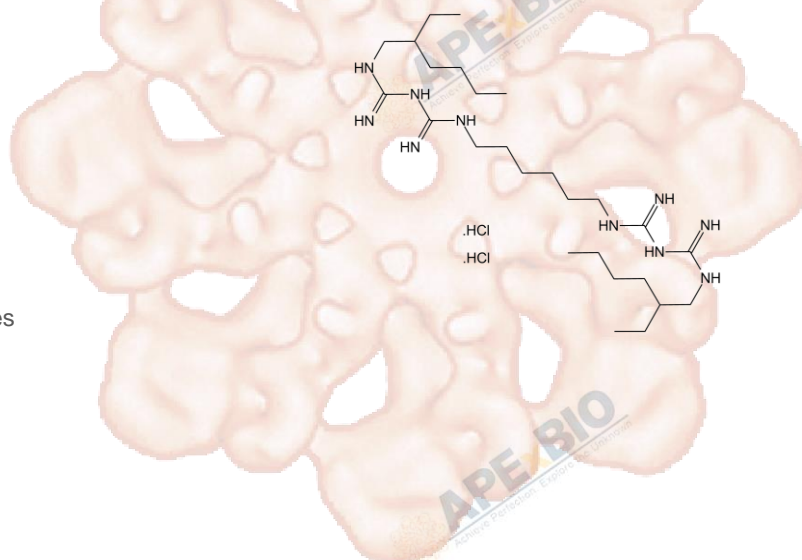


# Product Data Sheet

## Alexidine dihydrochloride

<b>Cat. No.:</b>	A4542
<b>CAS No.:</b>	1715-30-6
<b>Formula:</b>	C <sub>26</sub> H <sub>56</sub> N <sub>10</sub> ·2HCl
<b>M.Wt:</b>	581.71
<b>Synonyms:</b>	
<b>Target:</b>	Chromatin/Epigenetics
<b>Pathway:</b>	Protein Ser/Thr Phosphatases
<b>Storage:</b>	Desiccate at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥14.8 mg/mL in DMSO; ≥25.85 mg/mL in EtOH with gentle warming

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
			Concentration		
		1 mM	1.7191 mL	8.5953 mL	17.1907 mL
		5 mM	0.3438 mL	1.7191 mL	3.4381 mL
		10 mM	0.1719 mL	0.8595 mL	1.7191 mL

Please refer to the solubility information to select the appropriate solvent.

### Biological Activity

Shortsummary	PTPMT1 inhibitor; PLB inhibitor	
IC <sub>50</sub> & Target		
In Vitro	<b>Cell Viability Assay</b>	
	Preparation method:	
In Vivo	<b>Animal experiment</b>	
	Applications:	

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEX BIO Technology**

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